

Att m y' Dock t N . LEW 16,833-1

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK FFICE**

Patent application

of Duffy, Kirsten P. - Brown, Gerald V. - Bayley, Ronald L.

Inventor(s)

for Self-Tuning Impact Damper For Rotating Blades

Title of invention

the specification of which is being transmitted herewith

OR

In re application of:

Serial No.: 0 /

Group No.:

Filed:

Examiner:

For:

Assistant Commissioner for Patents  
Washington, D.C. 20231

jc712 U.S. PTO  
09/498794  
02/01/00

**INFORMATION DISCLOSURE STATEMENT**

**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10**

I hereby certify that, on the date shown below, this correspondence is being:

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37 CFR 1.8(a)

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(Information Disclosure Statement [8-1]—page 1 of 2)

**NOTE:** "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 CFR 1.56(a).

"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) each inventor named in the application;
- (2) each attorney or agent who prepares or prosecutes the application; and
- (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 CFR 1.56(c).

**NOTE:** The "duty as described in § 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b) - (d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13 -25 at 17.

**WARNING:** "No information disclosure statement may be filed in a provisional application." 37 CFR § 1.51(b).

### **List of Sections Forming Part of This Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

(check sections forming a part of this statement: discard unused sections and number pages consecutively)

1. ☐ Preliminary Statements
2. ☒ FORM PTO - 1449 (Modified)
3. ☐ Statement as to Information Not Found in Patents or Publications
4. ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. ☐ Cumulative Patents or Publications
6. ☒ Copies of Listed Information Items Accompanying This Statement
7. ☐ Concise Explanation of Non-English Language Listed Information Items
  - 7A. ☐ EPO Search Report
  - 7B. ☐ English Language Version of EPO Search Report
8. ☐ Translation(s) of Non-English Language Documents
9. ☐ Concise Explanation of English Language Listed Information Items (Optional)
10. ☐ Identification of Person(s) Making This Information Disclosure Statement

(complete the following, if appropriate)

Sections \_\_\_\_\_, respectively, have been continued on ADDED PAGE(S).

**NOTE:** "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).

LEW 16,833-

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT

Duffy et al

FILING DATE

2-1-00

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5924845	7/20/99	Bayley			
	4182598	1/8/80	Nelson			
	4360088	11/23/82	Amble			
	4484859	11/27/84	Pask			
	4441859	4/6/84	Sadler			
	4650167	3/17/87	Steiner			
	5052890	10/1/91	Roberts			
	5232344	8/3/93	El-Aini			
	5346362	9/13/94	Bonner			
	5369882	12/6/84	Dietz			
	5498137	3/12/96	El-Aini			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*)

①	"A Centrifugal Pendulum Absorber for Rotating Hollow Engine Blades"; Hollkamp, Bayley & Gordon, Journal of Sound and Vibration, v. 219, n. 3 pp 539-48; (1999)
②	"Impact Damping of Rotating Cantilever Plates", Duffy, Brown, Mohamed; Proceedings of 3rd National Turbine Engine High Cycle Fatigue Conference, Feb 2-5, 1998

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sent to Addressee using Express Mailing Label  
No. EJ 270189951 US on this  
1st day of February, 2000.  
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